

ABSTRACT

A spinal plate system and method for fixation of the human spine is provided. In
5 an embodiment, the system includes a bone plate, a bone screw and a ring. The bone
screw preferably connects the bone plate to a bone, and the ring preferably fixes the bone
screw into a borehole of the bone plate such that the bone screw extends from the bone
plate at a selected angle. The ring is preferably capable of swiveling within the borehole
to allow the bone screw to be angulated at a plurality of angles oblique to the plate. The
10 bone screw may have a head having a tapered, threaded surface for engaging the ring.
The ring preferably has threading on its inner surface for mating with the threading on the
head. The inner surface of the ring may be tapered. Movement of the head through the
ring preferably expands the ring against the bone plate to fix the bone screw at a selected
angle relative to the bone plate.